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P#10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/276,484A

DATE: 11/16/2000

TIME: 16:33:24

Input Set : A:\465c1.app

Output Set: N:\CRF3\11162000\I276484A.raw

4 <110> APPLICANT: Gaiger, Alexander
5 Cheever, Martin A.
7 <120> TITLE OF INVENTION: COMPOSITONS AND METHODS FOR WT1 SPECIFIC
8 IMMUNOTHERAPY
10 <130> FILE REFERENCE: 210121.465C1
12 <140> CURRENT APPLICATION NUMBER: US 09/276,484A
13 <141> CURRENT FILING DATE: 1999-03-25
15 <150> PRIOR APPLICATION NUMBER: US 09/164,223
16 <151> PRIOR FILING DATE: 1999-09-30
18 <160> NUMBER OF SEQ ID NOS: 326
21 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 17
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapien
29 <400> SEQUENCE: 1
30 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly Gly
31 1 5 10 15
32 Gly
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 23
37 <212> TYPE: PRT
38 <213> ORGANISM: Homo sapien
40 <400> SEQUENCE: 2
41 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
42 1 5 10 15
43 Tyr Leu Pro Ser Cys Leu Glu
44 20
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 23
48 <212> TYPE: PRT
49 <213> ORGANISM: Mus musculus
51 <400> SEQUENCE: 3
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53 1 5 10 15
54 Tyr Leu Pro Ser Cys Leu Glu
55 20
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 19
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapien
62 <400> SEQUENCE: 4
63 Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser Ser Val Lys
64 1 5 10 15
65 Trp Thr Glu
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 22

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70 <212> TYPE: DNA	
71 <213> ORGANISM: Homo sapien	
73 <400> SEQUENCE: 5	
74 gagagtcaga cttgaaagca gt	22
76 <210> SEQ ID NO: 6	
77 <211> LENGTH: 20	
78 <212> TYPE: DNA	
79 <213> ORGANISM: Homo sapien	
81 <400> SEQUENCE: 6	
82 ctgagcctca gcaaatgggc	20
84 <210> SEQ ID NO: 7	
85 <211> LENGTH: 27	
86 <212> TYPE: DNA	
87 <213> ORGANISM: Homo sapien	
89 <400> SEQUENCE: 7	
90 gagcatgcat gggctccgac gtgcggg	27
92 <210> SEQ ID NO: 8	
93 <211> LENGTH: 25	
94 <212> TYPE: DNA	
95 <213> ORGANISM: Homo sapien	
97 <400> SEQUENCE: 8	
98 ggggtaccca ctgaacggtc cccga	25
100 <210> SEQ ID NO: 9	
101 <211> LENGTH: 18	
102 <212> TYPE: DNA	
103 <213> ORGANISM: Mus musculus	
105 <400> SEQUENCE: 9	
106 tccgagccgc acctcatg	18
108 <210> SEQ ID NO: 10	
109 <211> LENGTH: 18	
110 <212> TYPE: DNA	
111 <213> ORGANISM: Mus musculus	
113 <400> SEQUENCE: 10	
114 gcctgggatg ctggactg	18
116 <210> SEQ ID NO: 11	
117 <211> LENGTH: 27	
118 <212> TYPE: DNA	
119 <213> ORGANISM: Mus musculus	
121 <400> SEQUENCE: 11	
122 gagcatgcga tgggttccga cgtgcgg	27
124 <210> SEQ ID NO: 12	
125 <211> LENGTH: 29	
126 <212> TYPE: DNA	
127 <213> ORGANISM: Mus musculus	
129 <400> SEQUENCE: 12	
130 ggggtacctc aaagcggcac gtggagttt	29
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133 <211> LENGTH: 17	
134 <212> TYPE: PRT	

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135 <213> ORGANISM: Mus musculus
137 <400> SEQUENCE: 13
138 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser Ser Leu Gly Gly Gly
139 1 5 10 15
140 Gly
142 <210> SEQ ID NO: 14
143 <211> LENGTH: 19
144 <212> TYPE: PRT
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147 <400> SEQUENCE: 14
148 Gly Ala Thr Leu Lys Gly Met Ala Ala Gly Ser Ser Ser Ser Val Lys
149 1 5 10 15
150 Trp Thr Glu
152 <210> SEQ ID NO: 15
153 <211> LENGTH: 15
154 <212> TYPE: PRT
155 <213> ORGANISM: Homo sapien
157 <400> SEQUENCE: 15
158 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
159 1 5 10 15
161 <210> SEQ ID NO: 16
162 <211> LENGTH: 15
163 <212> TYPE: PRT
164 <213> ORGANISM: Mus musculus
166 <400> SEQUENCE: 16
167 Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
168 1 5 10 15
170 <210> SEQ ID NO: 17
171 <211> LENGTH: 14
172 <212> TYPE: PRT
173 <213> ORGANISM: Mus musculus
175 <400> SEQUENCE: 17
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177 1 5 10
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180 <211> LENGTH: 14
181 <212> TYPE: PRT
182 <213> ORGANISM: Homo sapien
184 <400> SEQUENCE: 18
185 Val Arg Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser
186 1 5 10
188 <210> SEQ ID NO: 19
189 <211> LENGTH: 15
190 <212> TYPE: PRT
191 <213> ORGANISM: Homo sapien
193 <400> SEQUENCE: 19
194 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
195 1 5 10 15
197 <210> SEQ ID NO: 20

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198 <211> LENGTH: 15
199 <212> TYPE: PRT
200 <213> ORGANISM: Mus musculus
202 <400> SEQUENCE: 20
203 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
204 1 5 10 15
206 <210> SEQ ID NO: 21
207 <211> LENGTH: 21
208 <212> TYPE: DNA
209 <213> ORGANISM: Mus musculus
211 <400> SEQUENCE: 21
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214 <210> SEQ ID NO: 22
215 <211> LENGTH: 21
216 <212> TYPE: DNA
217 <213> ORGANISM: Mus musculus
219 <400> SEQUENCE: 22
220 atgtttgtgat ggcggaccaa t 21
222 <210> SEQ ID NO: 23
223 <211> LENGTH: 20
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapien
227 <400> SEQUENCE: 23
228 gtggggcgcc ccaggcacca 20
230 <210> SEQ ID NO: 24
231 <211> LENGTH: 24
232 <212> TYPE: DNA
233 <213> ORGANISM: Homo sapien
235 <400> SEQUENCE: 24
236 gtccttaatg ctacgcacga ttic 24
238 <210> SEQ ID NO: 25
239 <211> LENGTH: 21
240 <212> TYPE: DNA
241 <213> ORGANISM: Homo sapien
243 <400> SEQUENCE: 25
244 ggcattctgag accagtgaga a 21
246 <210> SEQ ID NO: 26
247 <211> LENGTH: 21
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapien
251 <400> SEQUENCE: 26
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254 <210> SEQ ID NO: 27
255 <211> LENGTH: 21
256 <212> TYPE: DNA
257 <213> ORGANISM: Homo sapien
259 <400> SEQUENCE: 27
260 tcaaagcgcc agctggagtt t 21
262 <210> SEQ ID NO: 28

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Input Set : A:\465c1.app
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263 <211> LENGTH: 9
264 <212> TYPE: PRT
265 <213> ORGANISM: Homo sapien
267 <400> SEQUENCE: 28
268 Ala Ala Gly Ser Ser Ser Ser Val Lys
269 1 5
271 <210> SEQ ID NO: 29
272 <211> LENGTH: 9
273 <212> TYPE: PRT
274 <213> ORGANISM: Homo sapien
276 <400> SEQUENCE: 29
277 Ala Ala Gln Phe Pro Asn His Ser Phe
278 1 5
280 <210> SEQ ID NO: 30
281 <211> LENGTH: 9
282 <212> TYPE: PRT
283 <213> ORGANISM: Homo sapien
285 <400> SEQUENCE: 30
286 Ala Glu Pro His Glu Glu Gln Cys Leu
287 1 5
289 <210> SEQ ID NO: 31
290 <211> LENGTH: 9
291 <212> TYPE: PRT
292 <213> ORGANISM: Homo sapien
294 <400> SEQUENCE: 31
295 Ala Gly Ala Cys Arg Tyr Gly Pro Phe
296 1 5
298 <210> SEQ ID NO: 32
299 <211> LENGTH: 9
300 <212> TYPE: PRT
301 <213> ORGANISM: Homo sapien
303 <400> SEQUENCE: 32
304 Ala Gly Ser Ser Ser Ser Val Lys Trp
305 1 5
307 <210> SEQ ID NO: 33
308 <211> LENGTH: 9
309 <212> TYPE: PRT
310 <213> ORGANISM: Homo sapien
312 <400> SEQUENCE: 33
313 Ala Ile Arg Asn Gln Gly Tyr Ser Thr
314 1 5
316 <210> SEQ ID NO: 34
317 <211> LENGTH: 9
318 <212> TYPE: PRT
319 <213> ORGANISM: Homo sapien
321 <400> SEQUENCE: 34
322 Ala Leu Leu Pro Ala Val Pro Ser Leu
323 1 5
325 <210> SEQ ID NO: 35

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VERIFICATION SUMMARY

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